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(71) Applicant (for all designated States except US): ERICO LIGHTNING TECHNOLOGIES PTY. LTD. [AU/AU]; Technopark, Dowsings Point, TAS 7001 (AU).

(72) Inventors; and
(75) Inventors/Applicants (for US only): GUMLEY, Stephen, John
[AU/AII]: 420 Churchill Avenue, Sandy Ray, TAS, 7005

[AU/AU]; 420 Churchill Avenue, Sandy Bay, TAS 7005
(AU). GUMLEY, John, Richard [AU/AU]; 428 Manuka
Road, Kettering, TAS 7155 (AU). BURROWS, Brian, J.,
C. [GB/GB]; East Wilden, Brook Street, Sutton Counteney,
Abingdon, Oxfordshire OX14 4AN (GB).

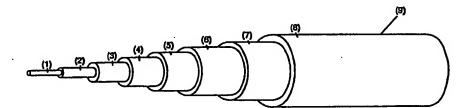
(74) Agent: CARTER SMITH & BEADLE; Qantas House, 2 Railway Parade, Camberwell, VIC 3124 (AU).

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(54) Title: AN IMPROVED LIGHTNING DOWNCONDUCTOR



(57) Abstract

A lightning downconductor (9) forming part of a lightning protection system, the downconductor (9) has an upper end connected to a lightning collector (10) through an upper termination device (11) and a lower end connected to an earthing system (15) through a lower termination (14). The downconductor (9) comprises an inner electrical conductor (3), an insulating layer (5) surrounding the inner electrical conductor (3), a resistive semi-conductive layer (6) surrounding the insulating layer (5) and a conductive layer (7) surrounding the resistive semi-conductive layer (6). A length of the conductive layer (7) is omitted or removed from the upper end of the downconductor (9) adjacent the upper termination device (11) to expose the resistive semi-conductive layer (6) as an outer layer of the downconductor (9).